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DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ

L12	L11 AND cystic fibrosis	95	L12
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L11	secretin	1574	L11
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DB=USPT,PGPB; PLUR=YES; OP=ADJ

L10	L9 AND cystic fibrosis	24	L10
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L9	L8 AND secretin	212	L9
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L8	((530/300 530/350)!.CCLS.)	11556	L8
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L7	((530/300)!.CCLS.)	2607	L7
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L6	(530/300,350.CCLS.)	0	L6
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L5	L4 AND cystic fibrosis	16	L5
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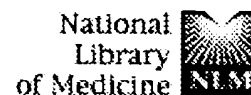
L4	L3 AND secretin	260	L4
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L3	((514/2 514/4 514/8 514/12 514/21 514/851)!.CCLS.)	10395	L3
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L2	Page-Keith-J.IN.	1	L2
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L1	(Davis-Richard-J.IN.)	8	L1
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Agonist-induced Coordinated Trafficking of Functionally Related Transport Proteins for Water and Ions in Cholangiocytes.
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
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
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
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
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
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
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
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
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
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Plasma immunoreactive pancreatic cationic trypsinogen in cystic fibrosis: a sensitive indicator of exocrine pancreatic dysfunction.

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
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
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Lancet. 1978 Aug 19;2(8086):415-7.

PMID: 79773 [PubMed - indexed for MEDLINE]

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Recurrent acute pancreatitis in patients with cystic fibrosis with normal pancreatic enzymes.

Pediatrics. 1975 Jan;55(1):86-95.

PMID: 1110867 [PubMed - indexed for MEDLINE]

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1 CYSTICS

11339 CYSTIC

(CYSTIC OR CYSTICS)

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(CYSTIC(W)FIBROSIS)

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L2 ANSWER 1 OF 47 CAPLUS COPYRIGHT 2003 ACS

AN 2003:236183 CAPLUS

TI Longitudinal Follow-Up of Exocrine Pancreatic Function in Pancreatic
Sufficient ***Cystic*** ***Fibrosis*** Patients Using the Fecal
Elastase-1 Test

AU Walkowiak, Jaroslaw; Nousia-Arvanitakis, Sanda; Agguridaki, Christina;
Fotoulaki, Maria; Strzykala, Krystyna; Balassopoulou, Angeliki; Witt,
Michal; Herzig, Karl-Heinz

CS Institute of Pediatrics, Department of Gastroenterology and Metabolism and
Clinical Laboratory Department, Karol Marcinkowski University of Medical
Sciences, Poznan, Poland, Finland

SO Journal of Pediatric Gastroenterology and Nutrition (2003), 36(4), 474-478
CODEN: JPGND6; ISSN: 0277-2116

PB Lippincott Williams & Wilkins

DT Journal

LA English

L2 ANSWER 2 OF 47 CAPLUS COPYRIGHT 2003 ACS

AN 2003:137557 CAPLUS

TI The dual roles of AlgG in C-5-epimerization and secretion of alginate
polymers in Pseudomonas aeruginosa

AU Jain, Sumita; Franklin, Michael J.; Ertesvag, Helga; Valla, Svein; Ohman,
Dennis E.

CS Department of Microbiology and Immunology, Medical College of Virginia
Campus of Virginia Commonwealth University, Richmond, VA, 23298-0678, USA

SO Molecular Microbiology (2003), 47(4), 1123-1133

CODEN: MOMIEE; ISSN: 0950-382X

PB Blackwell Publishing Ltd.

DT Journal

LA English

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L2 ANSWER 3 OF 47 CAPLUS COPYRIGHT 2003 ACS

AN 2002:906554 CAPLUS

DN 138:1044

TI G protein-coupled receptor (GPCR) microarrays for determination of GPCR
gene expression profiles and uses in drug and toxin screening and
diagnostics

IN Thirstrup, Kenneth; Madsen, Lars Siim; Jensen, Jens Bitsch; Hummel, Rene;
Jensen, Bo Skaaning

PA Azigen Bioscience A/s, Den.

SO PCT Int. Appl., 43 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002095065	A2	20021128	WO 2002-DK337	20020521

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
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 UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,
 TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
 CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRAI DK 2001-802 A 20010518

L2 ANSWER 4 OF 47 CAPLUS COPYRIGHT 2003 ACS

AN 2002:839320 CAPLUS

DN 138:284336

TI Where have all the Na⁺ channels gone? In search of functional ENaC in exocrine pancreas

AU Novak, Ivana; Hansen, Mette R.

CS August Krogh Institute, Department of Zoophysiology, University of Copenhagen, Copenhagen, DK-2100, Den.

SO Biochimica et Biophysica Acta (2002), 1566(1-2), 162-168

CODEN: BBACAQ; ISSN: 0006-3002

PB Elsevier Science B.V.

DT Journal

LA English

RE.CNT 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 5 OF 47 CAPLUS COPYRIGHT 2003 ACS

AN 2002:832443 CAPLUS

DN 138:268720

TI Regulation of cholangiocyte secretion

AU Fitz, J. Gregory

CS Department of Medicine, University of Colorado Health Sciences Center, Denver, CO, USA

SO Seminars in Liver Disease (2002), 22(3), 241-249

CODEN: SLDIEE; ISSN: 0272-8087

PB Thieme Medical Publishers, Inc.

DT Journal; General Review

LA English

RE.CNT 45 THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 6 OF 47 CAPLUS COPYRIGHT 2003 ACS

AN 2002:672869 CAPLUS

DN 138:53347

TI Chronic pancreatitis

AU Draganov, Peter; Toskes, Phillip P.

CS Department of Medicine, Division of Gastroenterology, Hepatology, and Nutrition, University of Florida, Gainesville, FL, USA

SO Current Opinion in Gastroenterology (2002), 18(5), 558-562

CODEN: COGAEK; ISSN: 0267-1379

PB Lippincott Williams & Wilkins

DT Journal; General Review

LA English

RE.CNT 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 7 OF 47 CAPLUS COPYRIGHT 2003 ACS

AN 2002:275457 CAPLUS

DN 137:60700

TI Chloride transport in microperfused interlobular ducts isolated from guinea-pig pancreas

AU Ishiguro, H.; Naruse, S.; Kitagawa, M.; Mabuchi, T.; Kondo, T.; Hayakawa, T.; Case, R. M.; Steward, M. C.

CS Internal Medicine II and Human Nutrition, Nagoya University School of Medicine, Nagoya, 466 8550, Japan

SO Journal of Physiology (Cambridge, United Kingdom) (2002), 539(1), 175-189

CODEN: JPHYA7; ISSN: 0022-3751

PB Cambridge University Press

DT Journal

LA English

RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 8 OF 47 CAPLUS COPYRIGHT 2003 ACS

AN 2002:275065 CAPLUS
 DN 137:320964
 TI ***Secretin*** -mediated gene delivery, a specific targeting mechanism
 with potential for treatment of biliary and pancreatic disease in
 cystic ***fibrosis***
 AU McKay, Tristan; Reynolds, Paul; Jezard, Sarah; Curiel, David; Coutelle,
 Charles
 CS Molecular Genetics, Division of Biomedical Sciences, Imperial College
 School of Medicine, London, SW7 2AZ, UK
 SO Molecular Therapy (2002), 5(4), 447-454
 CODEN: MTOHCK; ISSN: 1525-0016
 PB Elsevier Science
 DT Journal
 LA English
 RE.CNT 50 THERE ARE 50 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 9 OF 47 CAPLUS COPYRIGHT 2003 ACS
 AN 2002:31273 CAPLUS
 DN 136:80339
 TI Use of ***secretin*** -receptor ligands in treatment of ***cystic***
 fibrosis (CF) and chronic obstructive pulmonary disease (COPD)
 IN Davis, Richard Jon; Page, Keith John
 PA Pharmagene Laboratories Ltd., UK
 SO PCT Int. Appl., 50 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002002134	A1	20020110	WO 2001-GB2989	20010704
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 2002142956	A1	20021003	US 2001-897412	20010703
GB 2368795	A1	20020515	GB 2002-416	20010704
EP 1296708	A1	20030402	EP 2001-945514	20010704
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
NO 2002006119	A	20030225	NO 2002-6119	20021219
PRAI GB 2000-16441	A	20000704		
WO 2001-GB2989	W	20010704		
RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L2 ANSWER 10 OF 47 CAPLUS COPYRIGHT 2003 ACS
 AN 2001:763235 CAPLUS
 DN 135:314399
 TI Detection of variations in the DNA methylation profile of genes in the
 determining the risk of disease
 IN Berlin, Kurt; Piepenbrock, Christian; Olek, Alexander
 PA Epigenomics A.-G., Germany
 SO PCT Int. Appl., 636 pp.
 CODEN: PIXXD2
 DT Patent
 LA German
 FAN.CNT 68

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001077373	A2	20011018	WO 2001-DE1486	20010406
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				

DE 10019058 A1 20011220 DE 2000-10019058 20000406
 WO 2001077373 A2 11018 WO 2001-XA1486 20010406
 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
 CR, CU, CZ, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU,
 ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU,
 LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD,
 SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA,
 ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
 CF, CG, CI, CM, GA, GW, ML, MR, NE, SN, TD, TG
 WO 2001077373 A2 20011018 WO 2001-XB1486 20010406
 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
 CR, CU, CZ, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU,
 ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU,
 LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD,
 SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA,
 ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
 CF, CG, CI, CM, GA, GW, ML, MR, NE, SN, TD, TG
 EP 1274865 A2 20030115 EP 2001-953936 20010406
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
 EP 1278892 A1 20030129 EP 2001-940158 20010406
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
 PRAI DE 2000-10019058 A 20000406
 DE 2000-10019173 A 20000407
 DE 2000-10032529 A 20000630
 DE 2000-10043826 A 20000901
 WO 2001-DE1486 W 20010406
 WO 2001-EP3969 W 20010406

L2 ANSWER 11 OF 47 CAPLUS COPYRIGHT 2003 ACS
 AN 2001:750725 CAPLUS
 DN 136:52335
 TI Changes in the exocrine pancreas secondary to altered small intestinal
 function in the CF mouse
 AU De Lisle, Robert C.; Isom, Kathryn S.; Ziemer, Donna; Cotton, Calvin U.
 CS Department of Anatomy and Cell Biology, University of Kansas Medical
 Center, Kansas City, KS, 66160, USA
 SO American Journal of Physiology (2001), 281(4, Pt. 1), G899-G906
 CODEN: AJPHAP; ISSN: 0002-9513
 PB American Physiological Society
 DT Journal
 LA English
 RE.CNT 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 12 OF 47 CAPLUS COPYRIGHT 2003 ACS
 AN 2001:528761 CAPLUS
 DN 136:182321
 TI Proinflammatory cytokines inhibit secretion in rat bile duct epithelium
 AU Spirli, Carlo; Nathanson, Michael H.; Fiorotto, Romina; Duner, Elena;
 Denson, Lee A.; Sanz, Juanita M.; Di Virgilio, Francesco; Okolicsanyi,
 Lajos; Casagrande, Fabio; Strazzabosco, Mario
 CS Department of Medical and Surgical Sciences, Clinica Medica I, University
 of Padova, Padua, Italy
 SO Gastroenterology (2001), 121(1), 156-169
 CODEN: GASTAB; ISSN: 0016-5085
 PB W. B. Saunders Co.
 DT Journal
 LA English
 RE.CNT 61 THERE ARE 61 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 13 OF 47 CAPLUS COPYRIGHT 2003 ACS
 AN 2000:432196 CAPLUS
 DN 133:235624
 TI ***Cystic*** ***fibrosis*** transmembrane conductance regulator
 currents in guinea pig pancreatic duct cells: inhibition by bicarbonate
 ions
 AU O'Reilly, Catherine M.; Winpenny, John P.; Argent, Barry E.; Gray, Michael
 A.
 CS Department of Physiological Sciences, University Medical School, Newcastle

upon Tyne, UK
SO Gastroenterology (2000) 18(6), 1187-1196
CODEN: GASTAB; ISSN: 0016-5085
PB W. B. Saunders Co.
DT Journal
LA English
RE.CNT 34

THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 14 OF 47 CAPLUS COPYRIGHT 2003 ACS
AN 1999:795994 CAPLUS
DN 132:31744
TI Gene probes used for genetic profiling in healthcare screening and planning
IN Roberts, Gareth Wyn
PA Genostic Pharma Ltd., UK
SO PCT Int. Appl., 745 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9964627	A2	19991216	WO 1999-GB1780	19990604
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
PRAI	GB 1998-12099	A	19980606		
	GB 1998-13291	A	19980620		
	GB 1998-13611	A	19980624		
	GB 1998-13835	A	19980627		
	GB 1998-14110	A	19980701		
	GB 1998-14580	A	19980707		
	GB 1998-15438	A	19980716		
	GB 1998-15574	A	19980718		
	GB 1998-15576	A	19980718		
	GB 1998-16085	A	19980724		
	GB 1998-16086	A	19980724		
	GB 1998-16921	A	19980805		
	GB 1998-17097	A	19980807		
	GB 1998-17200	A	19980808		
	GB 1998-17632	A	19980814		
	GB 1998-17943	A	19980819		

L2 ANSWER 15 OF 47 CAPLUS COPYRIGHT 2003 ACS
AN 1999:795993 CAPLUS
DN 132:31743
TI Gene probes used for genetic profiling in healthcare screening and planning
IN Roberts, Gareth Wyn
PA Genostic Pharma Limited, UK
SO PCT Int. Appl., 149 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9964626	A2	19991216	WO 1999-GB1779	19990604
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	CA 2330929	AA	19991216	CA 1999-2330929	19990604
	AU 9941586	A1	19991230	AU 1999-41586	19990604

AU 9941587	A1	19991230	AU 1999-41587	19990604
GB 2339200	A1	00119	GB 1999-12914	100604
GB 2339200	B2	20010912		
EP 1084273	A1	20010321	EP 1999-925207	19990604

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI

PRAI GB 1998-12098	A	19980606
GB 1998-28289	A	19981223
GB 1998-16086	A	19980724
GB 1998-16921	A	19980805
GB 1998-17097	A	19980807
GB 1998-17200	A	19980808
GB 1998-17632	A	19980814
GB 1998-17943	A	19980819
WO 1999-GB1779	W	19990604

L2 ANSWER 16 OF 47 CAPLUS COPYRIGHT 2003 ACS

AN 1998:653197 CAPLUS

DN 130:63944

TI Biliary tract physiology

AU Strazzabosco, Mario

CS Cattedra di Clinica Medica I, Istituto di Medicina Interna, Azienda, Universita' di Padova, Padua, 35100, Italy

SO Current Opinion in Gastroenterology (1998), 14(5), 395-401

CODEN: COGAEK; ISSN: 0267-1379

PB Lippincott Williams & Wilkins

DT Journal; General Review

LA English

RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 17 OF 47 CAPLUS COPYRIGHT 2003 ACS

AN 1998:154375 CAPLUS

DN 128:281380

TI Sodium, potassium-activated adenosine triphosphatase activity is impaired in the guinea pig pancreatic duct system in streptozotocin-induced diabetes

AU Hootman, Seth R.; Jones, Jennifer E.; Kapoor, Reena; Nguyen, Kim-Loan; De Ondarza, Jose

CS Department of Physiology, Michigan State University, East Lansing, MI, 48824-1101, USA

SO Biochemical and Biophysical Research Communications (1998), 243(3), 869-873

CODEN: BBBCA9; ISSN: 0006-291X

PB Academic Press

DT Journal

LA English

L2 ANSWER 18 OF 47 CAPLUS COPYRIGHT 2003 ACS

AN 1997:436409 CAPLUS

DN 127:174337

TI Isolation and culture of bovine pancreatic duct epithelial cells

AU Cotton, Calvin U.; Al-Nakkash, Layla

CS Dep. Pediatrics Physiol. Biophysics, Case Western Reserve Univ., Cleveland, OH, 44106-4948, USA

SO American Journal of Physiology (1997), 272(6, Pt. 1), G1328-G1337

CODEN: AJPHAP; ISSN: 0002-9513

PB American Physiological Society

DT Journal

LA English

L2 ANSWER 19 OF 47 CAPLUS COPYRIGHT 2003 ACS

AN 1997:337173 CAPLUS

DN 127:32296

TI Bone mineral density in patients with pancreatic insufficiency and steatorrhea

AU Moran, C. E.; Sosa, E. G.; Martinez, S. M.; Geldern, P.; Messina, D.; Russo, A.; Boerr, L.; Bai, J. C.

CS Pancreas Section, Clinical Service, Clinical Department, Hospital de Gastroenterologia "Dr Carlos Bonorino Udaondo", Universidad del Salvador, Buenos Aires, Argent.

SO American Journal of Gastroenterology (1997), 92(5), 867-871

CODEN: AJGAAR; ISSN: 0002-9270

PB Williams & Wilkins

DT Journal

LA English

L2 ANSWER 20 OF 47 CAPLUS COPYRIGHT 2003 ACS
 AN 1997:255450 CAPLUS
 DN 126:291523
 TI ***Cystic*** ***fibrosis*** transmembrane conductance regulator
 mediates the cyclic adenosine monophosphate-induced fluid secretion but
 not the inhibition of resorption in mouse gallbladder epithelium
 AU Peters, Richard H. P. C.; Van Doorninck, J. Hikke; French, Pim J.;
 Ratcliff, Rosemary; Evans, Martin J.; Colledge, William H.; Bijman, Jan;
 Scholte, Bob J.
 CS Cell Biology, Erasmus University, Rotterdam, 3000 DR, Neth.
 SO Hepatology (Philadelphia) (1997), 25(2), 270-277
 CODEN: HPTLD9; ISSN: 0270-9139
 PB Saunders
 DT Journal
 LA English

L2 ANSWER 21 OF 47 CAPLUS COPYRIGHT 2003 ACS
 AN 1997:185390 CAPLUS
 DN 126:275445
 TI Molecular and functional heterogeneity of cholangiocytes from rat liver
 after bile duct ligation
 AU Alpini, Gianfranco; Ulrich, Charles; Roberts, Stuart; Phillips, John O.;
 Ueno, Yoshiyuki; Podila, Prasad V.; Colegio, Oscar; LeSage, Gene D.;
 Miller, Laurence J.; LaRusso, Nicholas F.
 CS Cent. Basic Res. Digestive Diseases, Mayo Med. Sch., Clinic and
 Foundation, Rochester, MN, 55905, USA
 SO American Journal of Physiology (1997), 272(2, Pt. 1), G289-G296
 CODEN: AJPHAP; ISSN: 0002-9513
 PB American Physiological Society
 DT Journal
 LA English

L2 ANSWER 22 OF 47 CAPLUS COPYRIGHT 2003 ACS
 AN 1996:309281 CAPLUS
 DN 125:6214
 TI Morphological, molecular, and functional heterogeneity of cholangiocytes
 from normal rat liver
 AU Alpini, Gianfranco; Roberts, Stuart; Kuntz, Susan M.; Ueno, Yoshiyuki;
 Gubba, Siddeswar; Podila, Prasad V.; LeSage, Gene; LaRusso, Nicholas F.
 CS Center Basic Research Digestive Diseases, Mayo Medical School, Rochester,
 MN, USA
 SO Gastroenterology (1996), 110(5), 1636-1643
 CODEN: GASTAB; ISSN: 0016-5085
 PB Saunders
 DT Journal
 LA English

L2 ANSWER 23 OF 47 CAPLUS COPYRIGHT 2003 ACS
 AN 1996:263524 CAPLUS
 DN 124:337196
 TI Immortalization of bovine pancreatic duct epithelial cells
 AU Marino, Lucyndia R.; Cotton, Calvin U.
 CS Cystic Fibrosis Center, Case Western Reserve University, Cleveland, OH,
 44106, USA
 SO American Journal of Physiology (1996), 270(4, Pt. 1), G676-G683
 CODEN: AJPHAP; ISSN: 0002-9513
 PB American Physiological Society
 DT Journal
 LA English

L2 ANSWER 24 OF 47 CAPLUS COPYRIGHT 2003 ACS
 AN 1996:112241 CAPLUS
 DN 124:168893
 TI Immunoreactive elastase I: clinical evaluation of a new noninvasive test
 of pancreatic function
 AU Stein, Juergen; Jung, Michael; Sziegoleit, Andreas; Zeuzem, Stefan;
 Caspary, Wolfgang F.; Lembcke, Bernhard
 CS 2nd Dep. Intern. Med., Johann-Wolfgang-Goethe-Univ., Frankfurt, 60950,
 Germany
 SO Clinical Chemistry (Washington, D. C.) (1996), 42(2), 222-6
 CODEN: CLCHAU; ISSN: 0009-9147
 PB American Association for Clinical Chemistry
 DT Journal
 LA English

L2 ANSWER 25 OF 47 CAPLUS COPYRIGHT 2003 ACS
AN 1995:558339 CAPLUS
DN 123:30290
TI New pancreas cancer cell lines that represent distinct stages of ductal differentiation
AU Vila, Maya R.; Lloreta, Josep; Schuessler, Martina H.; Berrozpe, Georgina; Welt, Sydney; Real, Francisco X.
CS Institut Municipal d'Investigacio Medica, Universitat Autonoma de Barcelona, Barcelona, Spain
SO Laboratory Investigation (1995), 72(4), 395-404
CODEN: LAINAW; ISSN: 0023-6837
DT Journal
LA English

L2 ANSWER 26 OF 47 CAPLUS COPYRIGHT 2003 ACS
AN 1995:370406 CAPLUS
DN 122:156872
TI CFTR chloride channels and pancreatic ductal bicarbonate secretion
AU Argent, Barry E.; Winpenny, John P.; Gray, Michael A.
CS Department Physiological Sciences, University Medical School, Newcastle upon Tyne, NE2 4HH, UK
SO NATO ASI Series, Series H: Cell Biology (1994), 89(Molecular and Cellular Mechanisms of H⁺ Transport), 301-8
CODEN: NASBE4; ISSN: 1010-8793
DT Journal; General Review
LA English

L2 ANSWER 27 OF 47 CAPLUS COPYRIGHT 2003 ACS
AN 1994:627942 CAPLUS
DN 121:227942
TI Alterations of pancreatic amylase secretion in the reserpinized rat model of ***cystic*** ***fibrosis***. Effects of cerulein and EFG
AU Morisset, Jean; Berube, France-Line; Vanier, Micheline; Benrezzak, Ouhida
CS Faculte des Sciences, Universite de Sherbrooke, Sherbrooke, QC, J1K 2R1, Can.
SO International Journal of Pancreatology (1994), 16(1), 37-44
CODEN: IJPNEX; ISSN: 0169-4197
DT Journal
LA English

L2 ANSWER 28 OF 47 CAPLUS COPYRIGHT 2003 ACS
AN 1993:425391 CAPLUS
DN 119:25391
TI CAMP-regulated whole cell chloride currents in pancreatic duct cells
AU Gray, M. A.; Plant, S.; Argent, B. E.
CS Dep. Physiol. Sci., Univ. Med. Sch., Newcastle upon Tyne, NE2 4HH, UK
SO American Journal of Physiology (1993), 264(3, Pt. 1), C591-C602
CODEN: AJPHAP; ISSN: 0002-9513
DT Journal
LA English

L2 ANSWER 29 OF 47 CAPLUS COPYRIGHT 2003 ACS
AN 1993:121824 CAPLUS
DN 118:121824
TI Bile secretion [in ***cystic*** ***fibrosis***]
AU Erlinger, S.
CS Serv. Hepatol., Hop. Beaujon, Clichy, Fr.
SO British Medical Bulletin (1992), 48(4), 860-76
CODEN: BMBUAQ; ISSN: 0007-1420
DT Journal; General Review
LA English

L2 ANSWER 30 OF 47 CAPLUS COPYRIGHT 2003 ACS
AN 1993:78026 CAPLUS
DN 118:78026
TI Regulatory gut peptides and ***cystic*** ***fibrosis***
AU Teufel, M.; Aynsley-Green, A.; Murphy, M. S.; Heinz-Erian, P.
CS Univ. Children's Hosp., Mannheim, Germany
SO Frontiers of Gastrointestinal Research (1992), 21(Regul. Gut Pept. Paediatr. Gastroenterol. Nutr.), 227-41
CODEN: FGREDT; ISSN: 0302-0665
DT Journal; General Review
LA English

L2 ANSWER 31 OF 47 CAPLUS COPYRIGHT 2003 ACS
AN 1992:585691 CAPLUS

DN 117:185691
 TI A new approach to understanding T cell development: the isolation and characterization of immature CD4-, CD8-, CD3- T cell cDNAs by subtraction cloning
 AU Orr, Sally L.; Gese, Elaine; Hood, Leroy
 CS Div. Biol., California Inst. Technol., Pasadena, CA, 91125, USA
 SO Molecular Biology of the Cell (1992), 3(7), 761-73
 CODEN: MBCEEV; ISSN: 1059-1524
 DT Journal
 LA English

L2 ANSWER 32 OF 47 CAPLUS COPYRIGHT 2003 ACS
 AN 1989:421600 CAPLUS
 DN 111:21600
 TI Selective precipitation of 14 kDa stone/thread proteins by concentration of pancreaticobiliary secretions: relevance to pancreatic ductal obstruction, pancreatic failure, and CF
 AU Forstner, Gordon G.; Vesely, Shirley M.; Durie, Peter R.
 CS Kinsmen Cystic Fibrosis Res. Cent., Hosp. Sick Child., Toronto, ON, M5G 1X8, Can.
 SO Journal of Pediatric Gastroenterology and Nutrition (1989), 8(3), 313-20
 CODEN: JPGND6; ISSN: 0277-2116
 DT Journal
 LA English

L2 ANSWER 33 OF 47 CAPLUS COPYRIGHT 2003 ACS
 AN 1989:55425 CAPLUS
 DN 110:55425
 TI Human gastric lipase: variations induced by gastrointestinal hormones and by pathology
 AU Moreau, H.; Saunier, J. F.; Gargouri, Y.; Pieroni, G.; Verger, R.; Sarles, Henri
 CS Cent. Biochem. Mol. Biol., CNRS, Marseilles, 13009, Fr.
 SO Scandinavian Journal of Gastroenterology (1988), 23(9), 1044-8
 CODEN: SJGRA4; ISSN: 0036-5521
 DT Journal
 LA English

L2 ANSWER 34 OF 47 CAPLUS COPYRIGHT 2003 ACS
 AN 1987:30935 CAPLUS
 DN 106:30935
 TI Altered exocrine pancreatic function in a neurological mouse mutant
 AU Vaccaro, Maria Ines; Maillie, Alberto Julio; Calvo, Ezequiel Luis; Ines de Caboteau, Liliana; Pivetta, Omar Hilario
 CS Exp. Genet. Dep., Inst. Nac. Genet. Med., Buenos Aires, Argent.
 SO IRCS Medical Science (1986), 14(10), 1003-4
 CODEN: IMSCE2; ISSN: 0268-8220
 DT Journal
 LA English

L2 ANSWER 35 OF 47 CAPLUS COPYRIGHT 2003 ACS
 AN 1985:574849 CAPLUS
 DN 103:174849
 TI Bentiromide test for assessing pancreatic dysfunction using analysis of para-aminobenzoic acid in plasma and urine. Studies in ***cystic***
 ****fibrosis**** and Shwachman's syndrome
 AU Weizman, Zvi; Forstner, Gordon G.; Gaskin, Kevin J.; Kopelman, Hinda; Wong, Susan; Durie, Peter R.
 CS Res. Inst., Hosp. Sick Child., Toronto, ON, M5G 1X8, Can.
 SO Gastroenterology (1985), 89(3), 596-604
 CODEN: GASTAB; ISSN: 0016-5085
 DT Journal
 LA English

L2 ANSWER 36 OF 47 CAPLUS COPYRIGHT 2003 ACS
 AN 1985:43819 CAPLUS
 DN 102:43819
 TI Diagnosis of exocrine pancreatic insufficiency in newborns and infants
 AU Beyreiss, K.; Scheerschmidt, G.; Senger, H.
 CS Kinderklin., Karl-Marx-Univ., Leipzig, DDR-7050, Ger. Dem. Rep.
 SO Deutsche Gesundheitswesen (1984), 39(44), 1730-3
 CODEN: DEGEA3; ISSN: 0012-0219
 DT Journal
 LA German

L2 ANSWER 37 OF 47 CAPLUS COPYRIGHT 2003 ACS

AN 1982:193844 CAPLUS
 DN 96:193844
 TI Ultrastructural changes in the sheep pancreas stimulated in vivo by
 secretin, cholecystokinin, and carbachol
 AU Blomfield, Jeanette; Setttee, Peter J.; Allars, Helen M.; Rush, Anne R.
 CS Child. Med. Res. Found., R. Alexandra Hosp. Child., Sydney, Australia
 SO Experimental and Molecular Pathology (1982), 36(2), 204-16
 CODEN: EXMPA6; ISSN: 0014-4800
 DT Journal
 LA English

L2 ANSWER 38 OF 47 CAPLUS COPYRIGHT 2003 ACS
 AN 1982:102015 CAPLUS
 DN 96:102015
 TI Pancreatic function in the reserpinized rabbit - a model for
 cystic ***fibrosis***. I. Effect of ***secretin***
 AU Schiffman, Mitchell L.; Gillon, Mary J.; Galey, William R.
 CS Sch. Med., Univ. New Mexico, Albuquerque, NM, USA
 SO Pediatric Research (1982), 16(2), 104-8
 CODEN: PEREBL; ISSN: 0031-3998
 DT Journal
 LA English

L2 ANSWER 39 OF 47 CAPLUS COPYRIGHT 2003 ACS
 AN 1981:478055 CAPLUS
 DN 95:78055
 TI Identification and quantification of ***cystic*** ***fibrosis***
 factors
 AU Nelson, Thomas E.
 CS Baylor Coll. Med., Houston, TX, USA
 SO Report (1981), NIH-N01-HR-7-2921-1F; Order No. PB81-168809, 503 pp.
 Avail.: NTIS
 From: Gov. Rep. Announce. Index (U. S.) 1981, 81(13), 2530
 DT Report
 LA English

L2 ANSWER 40 OF 47 CAPLUS COPYRIGHT 2003 ACS
 AN 1980:602367 CAPLUS
 DN 93:202367
 TI Cyclic AMP in pancreatic and biliary secretion of children with chronic
 intrahepatic cholestasis and ***cystic*** ***fibrosis***
 AU Becker, M.; Ruoff, H. J.; Rotthauwe, H. W.
 CS Dep. Pediatrics, Univ. Bonn, Bonn, D-5300, Fed. Rep. Ger.
 SO European Journal of Pediatrics (1980), 134(3), 217-25
 CODEN: EJPEDT; ISSN: 0340-6199
 DT Journal
 LA English

L2 ANSWER 41 OF 47 CAPLUS COPYRIGHT 2003 ACS
 AN 1980:92274 CAPLUS
 DN 92:92274
 TI Exocrine pancreatic secretion in rats treated with reserpine after
 stimulation with pilocarpine, dopamine, and caerulein
 AU Morton, David; Parker, Anne; Estrada, Patricia; Martinez, J. Ricardo
 CS Sch. Med., Univ. Missouri, Columbia, MO, USA
 SO Pediatric Research (1980), 14(1), 18-20
 CODEN: PEREBL; ISSN: 0031-3998
 DT Journal
 LA English

L2 ANSWER 42 OF 47 CAPLUS COPYRIGHT 2003 ACS
 AN 1980:92257 CAPLUS
 DN 92:92257
 TI The effects of reserpine on the ultrastructure and secretory responses of
 rat exocrine pancreas
 AU Setser, M. E.; Spicer, S. S.; Simson, J. A. V.; Adamson, M.; Martinez, J.
 R.
 CS Dep. Pathol., Med. Univ. South Carolina, Charleston, SC, 29403, USA
 SO Experimental and Molecular Pathology (1979), 31(3), 413-22
 CODEN: EXMPA6; ISSN: 0014-4800
 DT Journal
 LA English

L2 ANSWER 43 OF 47 CAPLUS COPYRIGHT 2003 ACS
 AN 1980:37197 CAPLUS
 DN 92:37197

TI The effect of ***secretin*** on the renal excretion of electrolytes in
patients with ***cyst*** ***fibrosis***
AU Matheova, E.; Tischler, V.; Pavkovceková, O.; Fedorova, E.; Beno, P.;
Kahanec, D.
CS Univ. Child. Hosp., Kosice, Czech.
SO Acta Facultatis Medicinae Universitatis Brunensis (1977), 58, 309-14
CODEN: AMUBAJ; ISSN: 0521-2561
DT Journal
LA English

L2 ANSWER 44 OF 47 CAPLUS COPYRIGHT 2003 ACS
AN 1978:167992 CAPLUS
DN 88:167992

TI The chronically reserpinized rat as a possible model for ***cystic***
fibrosis. VII. Alterations in the secretory response to
cholecystokinin and to ***secretin*** from the pancreas in vivo
AU Perlmutter, Joel; Martinez, J. Ricardo; Martinez, A. M.; Cooper, C.
CS Dep. Child Health, Univ. Missouri Sch. Med., Columbia, MO, USA
SO Pediatric Research (1978), 12(3), 188-94
CODEN: PEREBL; ISSN: 0031-3998
DT Journal
LA English

L2 ANSWER 45 OF 47 CAPLUS COPYRIGHT 2003 ACS
AN 1975:168445 CAPLUS
DN 82:168445

TI Recurrent acute pancreatitis in patients with ***cystic***
fibrosis with normal pancreatic enzymes
AU Shwachman, H.; Lebenthal, E.; Khaw, K. T.
CS Dep. Med., Child. Hosp. Med. Cent., Boston, MA, USA
SO Pediatrics (1975), 55(1), 86-95
CODEN: PEDIAU; ISSN: 0031-4005
DT Journal
LA English

L2 ANSWER 46 OF 47 CAPLUS COPYRIGHT 2003 ACS
AN 1969:411178 CAPLUS
DN 71:11178

TI Protein content and pancreatic enzyme activities of duodenal juice in
normal children and in children with exocrine pancreatic insufficiency
AU Zoppi, Giuseppe; Hitzig, Walter H.; Shmerling, D. H.; Pluess, H.; Hadorn,
Beat; Prader, Andreas
CS Kinderspital, Zurich, Switz.
SO Helvetica Paediatrica Acta (1968), 23(6), 577-90
CODEN: HPAAAE; ISSN: 0018-022X
DT Journal
LA English

L2 ANSWER 47 OF 47 CAPLUS COPYRIGHT 2003 ACS
AN 1950:41395 CAPLUS
DN 44:41395

OREF 44:7975a-b
TI Presence of ***secretin*** in ***cystic*** ***fibrosis*** of
the pancreas
AU Gibbs, G. E.; Gershbein, Leon L.
CS Univ. of Illinois Med. Coll., Chicago
SO Proc. Soc. Exptl. Biol. Med. (1950), 74, 336-7
DT Journal
LA Unavailable

=> file MEDLINE

=> s secretin

7285 SECRETIN

36 SECRETINS

L3 7292 SECRETIN

(SECRETIN OR SECRETINS)

=> S L3 AND cystic fibrosis

53813 CYSTIC

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53815 CYSTIC

(CYSTIC OR CYSTICS)

67371 FIBROSIS

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L4 86 L3 AND CYSTIC FIBROSIS

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59605 INHALATION
(INHALATION OR INHALATIONS)

L5 0 L4 AND INHALATION

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L6 0 L4 AND SERECTIN RECEPTOR

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7292 SECRETIN
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421972 RECEPTOR
462225 RECEPTORS
598734 RECEPTOR
(RECEPTOR OR RECEPTORS)

L7 232 SECRETIN RECEPTOR
(SECRETIN(W)RECEPTOR)

=> S L7 AND cystic fibrosis
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53815 CYSTIC
(CYSTIC OR CYSTICS)
67371 FIBROSIS
21978 CYSTIC FIBROSIS
(CYSTIC(W)FIBROSIS)

L8 7 L7 AND CYSTIC FIBROSIS

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L8 ANSWER 1 OF 7 MEDLINE
AN 2002498782 MEDLINE
DN 22247815 PubMed ID: 12360418
TI Regulation of cholangiocyte secretion.
AU Fitz J Gregory
CS Department of Medicine, University of Colorado Health Sciences Center,
Denver, Colorado 80262, USA.
SO SEMINARS IN LIVER DISEASE, (2002 Aug) 22 (3) 241-9.
Journal code: 8110297. ISSN: 0272-8087.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200212
ED Entered STN: 20021003
Last Updated on STN: 20021217
Entered Medline: 20021212

L8 ANSWER 2 OF 7 MEDLINE
AN 2002211472 MEDLINE
DN 21945813 PubMed ID: 11945072
TI Secretin-mediated gene delivery, a specific targeting mechanism with
potential for treatment of biliary and pancreatic disease in
cystic ***fibrosis***
AU McKay Tristan; Reynolds Paul; Jezzard Sarah; Curie David; Coutelle
Charles
CS Molecular Genetics, Division of Biomedical Sciences, Sir Alexander Fleming
Building, Imperial College School of Medicine, South Kensington, London,
SW7 2AZ, UK.. t.mckay@icrf.icnet.uk
SO MOLECULAR THERAPY, (2002 Apr) 5 (4) 447-54.
Journal code: 100890581. ISSN: 1525-0016.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)

LA English
FS Priority Journals
EM 200209
ED Entered STN: 20020412
Last Updated on STN: 20020928
Entered Medline: 20020927

L8 ANSWER 3 OF 7 MEDLINE
AN 2001380946 MEDLINE
DN 21331628 PubMed ID: 11438505
TI Proinflammatory cytokines inhibit secretion in rat bile duct epithelium.
AU Spirli C; Nathanson M H; Fiorotto R; Duner E; Denson L A; Sanz J M; Di
Virgilio F; Okolicsanyi L; Casagrande F; Strazzabosco M
CS Department of Medical and Surgical Sciences, Clinica Medica I, University
of Padova, Padua, Italy.
NC DK02700 (NIDDK)
DK34959 (NIDDK)
DK45710 (NIDDK)
SO GASTROENTEROLOGY, (2001 Jul) 121 (1) 156-69.
Journal code: 0374630. ISSN: 0016-5085.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Abridged Index Medicus Journals; Priority Journals
EM 200107
ED Entered STN: 20010730
Last Updated on STN: 20010730
Entered Medline: 20010726

L8 ANSWER 4 OF 7 MEDLINE
AN 1998290064 MEDLINE
DN 98290064 PubMed ID: 9626762
TI Hormonal regulation of bicarbonate secretion in the biliary epithelium.
AU Alvaro D; Gigliozzi A; Fraioli F; Romeo R; Papa E; Delle Monache M;
Capocaccia L
CS Department of Clinical Medicine, University of Rome La Sapienza, Italy..
alvaro@axrma.uniroma1.it
SO YALE JOURNAL OF BIOLOGY AND MEDICINE, (1997 Jul-Aug) 70 (4) 417-26. Ref:
39
Journal code: 0417414. ISSN: 0044-0086.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LA English
FS Priority Journals
EM 199809
ED Entered STN: 19980917
Last Updated on STN: 19980917
Entered Medline: 19980909

L8 ANSWER 5 OF 7 MEDLINE
AN 97215981 MEDLINE
DN 97215981 PubMed ID: 9124353
TI Molecular and functional heterogeneity of cholangiocytes from rat liver
after bile duct ligation.
AU Alpini G; Ulrich C; Roberts S; Phillips J O; Ueno Y; Podila P V; Colegio
O; LeSage G D; Miller L J; LaRusso N F
CS Center for Basic Research in Digestive Diseases, Mayo Medical School,
Clinic, and Foundation, Rochester, Minnesota 55905, USA.
NC DK-24031 (NIDDK)
DK-46577 (NIDDK)
HL-07269 (NHLBI)
SO AMERICAN JOURNAL OF PHYSIOLOGY, (1997 Feb) 272 (2 Pt 1) G289-97.
Journal code: 0370511. ISSN: 0002-9513.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199704
ED Entered STN: 19970506
Last Updated on STN: 19970506
Entered Medline: 19970424

L8 ANSWER 6 OF 7 MEDLINE
AN 96200553 MEDLINE

DN 96200553 PubMed ID: 8613073
 TI Morphological, molecular and functional heterogeneity of cholangiocytes
 from normal rat liver.
 AU Alpini G; Roberts S; Kuntz S M; Ueno Y; Gubba S; Podila P V; LeSage G;
 LaRusso N F
 CS Department of Biochemistry and Molecular Biology, Mayo Medical School,
 Rochester, Minnesota, USA.
 NC DK24031 (NIDDK)
 DK32878 (NIDDK)
 HL07269 (NHLBI)
 SO GASTROENTEROLOGY, (1996 May) 110 (5) 1636-43.
 Journal code: 0374630. ISSN: 0016-5085.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Abridged Index Medicus Journals; Priority Journals
 EM 199606
 ED Entered STN: 19960613
 Last Updated on STN: 19960613
 Entered Medline: 19960605

L8 ANSWER 7 OF 7 MEDLINE
 AN 96198290 MEDLINE
 DN 96198290 PubMed ID: 8928798
 TI Immortalization of bovine pancreatic duct epithelial cells.
 AU Marino L R; Cotton C U
 CS Department of Pediatrics, Case Western Reserve University, Cleveland, Ohio
 44106, USA.
 NC DK-27651 (NIDDK)
 DK-43000 (NIDDK)
 HD-25983 (NICHD)
 SO AMERICAN JOURNAL OF PHYSIOLOGY, (1996 Apr) 270 (4 Pt 1) G676-83.
 Journal code: 0370511. ISSN: 0002-9513.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199611
 ED Entered STN: 19961219
 Last Updated on STN: 19961219
 Entered Medline: 19961120

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